

IFW

CASE D0284 NP

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Stephen C. D'Amico  
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8-23-04  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

NADLER ET AL.

APPLICATION NO: 10/755,889

FILED: JANUARY 13, 2004

FOR: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH  
THE NF-KB PATHWAY

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

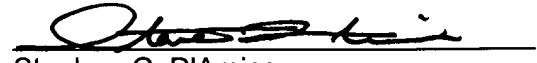
In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

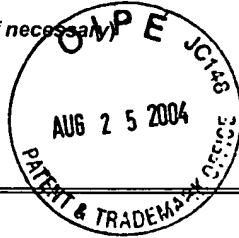
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Agent for Applicants  
Reg. No. 46,652

Date: 8-23-04

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)


 ATTY. DOCKET NO.  
 D0284 NP  
 APPLICATION NO.  
 10/755,889  
 APPLICANT  
 NADLER ET AL.  
 FILING DATE  
 JANUARY 13, 2004

Group

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|----------|-------------|
|                     | AA |                 |      |      |       |          |             |
|                     | AB |                 |      |      |       |          |             |
|                     | AC |                 |      |      |       |          |             |
|                     | AD |                 |      |      |       |          |             |
|                     | AE |                 |      |      |       |          |             |
|                     | AF |                 |      |      |       |          |             |
|                     | AG |                 |      |      |       |          |             |
|                     | AH |                 |      |      |       |          |             |
|                     | AI |                 |      |      |       |          |             |
|                     | AJ |                 |      |      |       |          |             |
|                     | AK |                 |      |      |       |          |             |
|                     | AL |                 |      |      |       |          |             |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER | DATE | OFFICE | CLASS | SUBCLASS | TRANSLATION              |                          |
|--|----|-----------------|------|--------|-------|----------|--------------------------|--------------------------|
|  |    |                 |      |        |       |          | YES                      | NO                       |
|  | AM |                 |      |        |       |          | <input type="checkbox"/> | <input type="checkbox"/> |
|  | AN |                 |      |        |       |          | <input type="checkbox"/> | <input type="checkbox"/> |
|  | AO |                 |      |        |       |          | <input type="checkbox"/> | <input type="checkbox"/> |
|  | AP |                 |      |        |       |          | <input type="checkbox"/> | <input type="checkbox"/> |
|  | AQ |                 |      |        |       |          | <input type="checkbox"/> | <input type="checkbox"/> |

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

|    |  |
|----|--|
| AR | Neurath, et al., "Local administration of antisense phosphorothioate oligonucleotides to the p65 subunit NF-kB abrogates established experimental colitis in mice", Nature Med., Vol. 2 (9), pp. 998-1004 (1996) |
| AS | Marok, et al., "Activation of the Transcription Factor Nuclear Factor-kB In Human Inflame Synovial Tissue", Arthritis & Rheum., Vol. 39 (4), pp. 583-591 (1996)  |
| AT | Cabannes, et al., "Mutations in the <i>IkB</i> gene in Hodgkin's disease suggest a tumour suppressor role for <i>IkB</i> , Oncogene, Vol. 18, pp. 3063-3070 (1999)   |

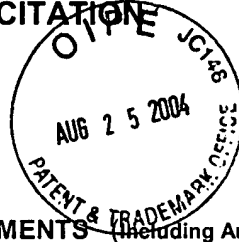
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\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
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## INFORMATION DISCLOSURE CITATION

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Group

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

|     |   |
|-----|---|
| 2AA | Rayet, et al., "Aberrant <i>rel/nfkb</i> genes and activity in human cancer", <i>Oncogene</i> , Vol. 18, pp. 6938-6947 (1999)   |
| 2AB | Brown, et al., "Control of I $\kappa$ B-a Proteolysis by Site-Specific, Signal-Induced Phosphorylation", Vol. 267, pp. 1485-1488 (1995)   |
| 2AC | Hiscott, et al., "Hostile takeovers: viral appropriation of the NF- $\kappa$ B pathway", Vol. 107 (2), pp. 143-151 (2001)   |
| 2AD | Yamamoto, et al., "Therapeutic potential of inhibition of the NF- $\kappa$ B pathway in the treatment of inflammation and cancer", <i>J. Clin. Inves.</i> , Vol. 107 (2), pp. 135-142 (2001)  |
| 2AE | Miagkov, et al., "NF- $\kappa$ B activation provides the potential link between inflammation and hyperplasia in the arthritic joint", <i>Proc. Natl. Acad. Sci.</i> , Vol. 95, pp. 13859-13864 (1998)   |
| 2AF | Bondeson, et al., "Defining therapeutic targets by using adenovirus: Blocking NF- $\kappa$ B inhibits both inflammatory and destructive mechanisms in rheumatoid synovium but spares anti-inflammatory mediators", <i>Proc. Natl. Acad. Sci.</i> , Vol. 96, pp. 5668-5673, (1999) |
| 2AG | Christman, et al., "The Role of Nuclear Factor - $\kappa$ B in Pulmonary Diseases", <i>Chest</i> , Vol. 117, pp. 1482-1487 (2000)   |
| 2AH | Baldwin, Albert S., Jr., "The NF- $\kappa$ B and I $\kappa$ B Proteins: New Discoveries and Insights", <i>Annu. Rev. Immunol.</i> , Vol. 14, pp. 649-681 (1996)   |
| 2AI | Smahl, et al., "Genomic rearrangement in NEMO impairs NF- $\kappa$ B activation and is a cause of incontinentia pigmenti", <i>Nature</i> , Vol. 405, pp. 466-472 (2000)   |
| 2AJ | Whiteside, et al., "I kappa B epsilon, a novel member of the I $\kappa$ B family, controls RelA and cRel NF- $\kappa$ B activity," <i>EMBO J.</i> , Vol. 16 (6), pp. 1413-1426 (1997)   |
| 2AK | Jain, et al., "Specific missense mutations in NEMO result in hyper-IgM syndrome with hypohydrotic ectodermal dysplasia", <i>Nature immunol.</i> , Vol. 2 (3), pp. 223-228 (2001)  |
| 2AL | Doffinger, et al., "X-linked anhidrotic ectodermal dysplasia with immunodeficiency is caused by impaired NF- $\kappa$ B signaling", <i>Nature Genetics</i> , Vol. 27, pp. 277-285 (2001)  |
| 2AM | Baeuerle, et al., "NF- $\kappa$ B: Ten Years After", <i>Cell</i> , Vol. 87, pp. 13-20 (1996)  |
| 2AN | Siebenlist, et al., "Structure, Regulation and Function of NF- $\kappa$ B", <i>Cell. Biol.</i> , Vol. 10, pp. 405-455 (1994)  |

EXAMINER

DATE CONSIDERED

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